| Atty Docker No. DOGO.P010   |           |            | PATENT       |
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| Re Patent Application of:   | )         |            |              |
| David Lai   | )         | Examiner:  | Not assigned |
| Application No. 10/626,411  | )         | Art Unit:  | 2681         |
| Filed: July 23, 2003  | )         |            |              |
| For: DYNAMICALLY BINDING SIMS/UIMS WIT PORTABLE COMMUNICATION DEVICES | гн )<br>) |            |              |
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Alexandria, VA 22313-1450

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Respectfully submitted,

SHEMWELL GREGORY & COURTNEY LLP

Dated: July 18, 2005

Registration No. 42,607

JUL 2 0 2005 55

PTO/SB/08A (07-05)
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Sheet 1

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|------------------------|---------------|---|--|
| Application Number     | 10/626,411    | ` |  |
| Filing Date            | July 23, 2003 |   |  |
| First Named Inventor   | David Lai     |   |  |
| Art Unit               | 2681          |   |  |
| Examiner Name          |               |   |  |
| Attorney Docket Number | DOGO.P010     |   |  |

|                       |              |  | U. S. PATENT                   | DOCUMENTS  |   |
|-----------------------|--------------|--|--------------------------------|--|---|
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|                       |              | Number-Kind Code <sup>2 (if known)</sup> |                                |  | Figures Appear  |
|                       |              | <sup>US-</sup> 6052531                   | 04-2000                        | WALDIN   |   |
|                       |              | <sup>US-</sup> 6269456                   | 07-2001                        | HODGES   |   |
|                       |              | <sup>US-</sup> 6349311                   | 02-2002                        | SOBEL  |   |
|                       |              | <sup>US-</sup> 6470329                   | 10-2002                        | LIVSCHITZ  |   |
|                       |              | <sup>US-</sup> 6526574                   | 02-2003                        | JONES  |   |
|                       |              | <sup>US-</sup> 6535894                   | 03-2003                        | SCHMIDT  |   |
|                       |              | <sup>US-</sup> 6615404                   | 09-2003                        | GARFUNKEL  |   |
| -                     |              | <sup>US-</sup> 6651190                   | 11-2003                        | WORLEY   |   |
|                       |              | US- 6836657                              | 12-2004                        | JI   |   |
|                       |              | <sup>US-</sup> 6401239                   | 06-2002                        | MIRON  |   |
|                       |              | <sup>US-</sup> 6018747                   | 01-2000                        | BURNS  |   |
|                       |              | <sup>US-</sup> 6671703                   | 12-2003                        | THOMPSON   |   |
|                       |              | <sup>US-</sup> 6542906                   | 04-2003                        | KORN   |   |
|                       |              | <sup>US-</sup> 6233589                   | 05-2001                        | BALCHA   |   |
|                       |              | <sup>US-</sup> 5574906                   | 11-1996                        | MORRIS   |   |
|                       |              | <sup>US-</sup> 5813017                   | 09-1998                        | MORRIS   |   |
|                       |              | <sup>US-</sup> 20010029178               | 10-2001                        | CRISS  |   |
| -                     |              | <sup>US-</sup> 20010049263               | 12-2001                        | ZHANG  |   |
|                       |              | <sup>US-</sup> 20040220980               | 11-2004                        | FORSTER  |   |

|                    |              | FOREI   | <b>GN PATENT DOCU</b> | MENTS  |   |                |
|--------------------|--------------|---|-----------------------|--|---|----------------|
| Examiner Initials* | Cite<br>No.1 | Foreign Patent Document   | Publication Date      | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages |                |
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|------------------------|---------------|-----|--|
| Application Number     | 10/626,411    |     |  |
| Filing Date            | July 23, 2003 |     |  |
| First Named Inventor   | David Lai     |     |  |
| Art Unit               | 2681          | ··· |  |
| Examiner Name          |               |     |  |
| Attorney Docket Number | DOGO.P010     |     |  |

| _                     |                          |  | U. S. PATEN                    | DOCUMENTS  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number  Number-Kind Code <sup>2 (# known)</sup> | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | <sup>US-</sup> 20030200207                               | 10-2003                        | DICKINSON  |   |
|                       |                          | <sup>US-</sup> 5806078                                   | 09-1998                        | HUG  |   |
|                       |                          | <sup>US-</sup> 6594822                                   | 07-2003                        | SCHWEITZ   |   |
|                       |                          | <sup>US-</sup> 6442660                                   | 08-2002                        | HENERLAU   |   |
|                       |                          | <sup>US-</sup> 6671757                                   | 12-2003                        | MULTER   |   |
| _                     |                          | <sup>US-</sup> 20030110253                               | 06-2003                        | ANUSZCZYK  |   |
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| Examiner<br>Initials* | Cite<br>No.1 | Foreign Patent Document   | Publication<br>Date | Name of Patentee or<br>Applicant of Cited Document  | Pages, Columns, Lines,<br>Where Relevant Passages |                |
|                       |              | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) | MM-DD-YYYY          | 7,  | Or Relevant Figures Appear                        | T <sup>6</sup> |
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|                       |                          | TICHY, Walter F., "The string-to-string correction problem with block moves", ACM Transaction on Computer Systems, Vol. 2, No. 4, Nov. 1984, pp. 309-321.   |                |
|                       |                          | AJTAI, Miklos et al., "Compactly encoding unstructured inputs with differential compression", IBM Almaden Research Center, 44 pages.  |                |
|                       |                          | BURNS, Randal C. et al., "In-place reconstruction of delta compressed files", IBM Almaden Research Center, 9 pages.   |                |
|                       |                          | BURNS, Randal et al., "In-place reconstruction of version differences", IBM Almaden Research Center, 25 pages.  |                |
|                       |                          | LIV, Jacob et al., "A universal algorithm for sequential data compression", IEEE Transactions on Information Theory, Vol. IT-23, No. 3, May 1977.   |                |
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